

ZyXEL



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Extreme Wireless Performance and Dead Spot-Free Coverage

- **Compliant with 802.11n for Extreme 8x Performance and 5x Coverage**
- **2 IPSec VPN Tunnel for Remote Site to Central Server Secure Data Transfer**
- **Wireless Scheduler Turns On/Off Wireless Radiation to Save the Power**
- **Built-in MBM v2 Technology for Traffic Shaping**
- **Wi-Fi Protected Setup (WPS) for Easy Wireless Security Setup**

Benefits

802.11n Technology

The ZyXEL NBG-460N 802.11n Wireless Broadband Router featuring 802.11n technology provides the ultimate solution for speed and coverage. With data rate up to 300 Mbps, 8x faster than 802.11g standard, NBG-460N provides stable and reliable wireless connections for high speed data and multimedia delivery. The NBG-460N eliminates dead zones and extend 5x coverage by using IEEE 802.11n technology and backwards compatible with any IEEE 802.11b/g Wi-Fi certified device.

Media Bandwidth Management

With ZyXEL's exclusive Media Bandwidth Management v2 (MBM v2™), the NBG-460N provide the most comprehensive way to smartly manage your limited bandwidth for multimedia applications.

Flexible Wireless Scheduler

In order to save power and reduce wireless radiation when you are not using the wireless connection, the NBG-460N can be configured to turn on or off according to your wireless usage pattern.

VPN (Virtual Private Network) Connection

The NBG-460N supports IPSec VPN suitable for remote site to central server deployment. Data encryption over the Internet ensures secure transmission between two sites, eliminating the necessity for expensive leased lines, and enabling global interconnectivity at a minimal expense.

NBG-460N
Wireless N Gigabit
Router with VPN





NBG-460N

Wireless N Gigabit Router with VPN

Specifications

System Specifications

WLAN Feature

- 802.11n wireless
- Wi-Fi Protected Setup (WPS)
- MBM v2 for QoS
- Wireless Scheduling
- Wireless Security: WPA/WPA2
- DMZ
- SIP ALG
- 2 IPSec VPN
- Log and Statistics

Routing

- SPI Firewall
- Connection Type: PPPoE, PPTP, DHCP, Static IP
- DHCP Server/Client
- Dynamic DNS (4 Services)
- VPN pass-through
- UPnP

Hardware Specifications

- LAN: Four 10/100/1000Base-T Ethernet, full duplex RJ-45 connector with auto MDI/MDIX support
- WAN: One 10/100/1000Base-T Ethernet, full duplex RJ-45 connector with auto MDI/MDIX support
- Power: 18 VDC 1.0 A
- Three 2 dBi external detachable dipole antennas

Physical Specifications

- Item weight: 362 g (0.81 lb)
- Item dimensions:
190 (W) x 135 (D) x 33 (H) mm
(7.5 (W) x 5.3 (D) x 1.3 (H) inch)
- Packing weight: 1050 g (2.32 lb)
- Packing dimensions:
272 (W) x 228 (D) x 67 (H) mm
(10.72 (W) x 8.98 (D) x 2.63 (H) inch)

Environmental Specifications

- Operating environment:
 - Temperature: 0°C ~ 40°C/32°F ~ 104°F
 - Humidity: 20% ~ 85% (Non-condensing)
- Storage environment:
 - Temperature: -20°C ~ 60°C/-4°F ~ 140°F
 - Humidity: 20% ~ 90% (Non-condensing)

Certifications

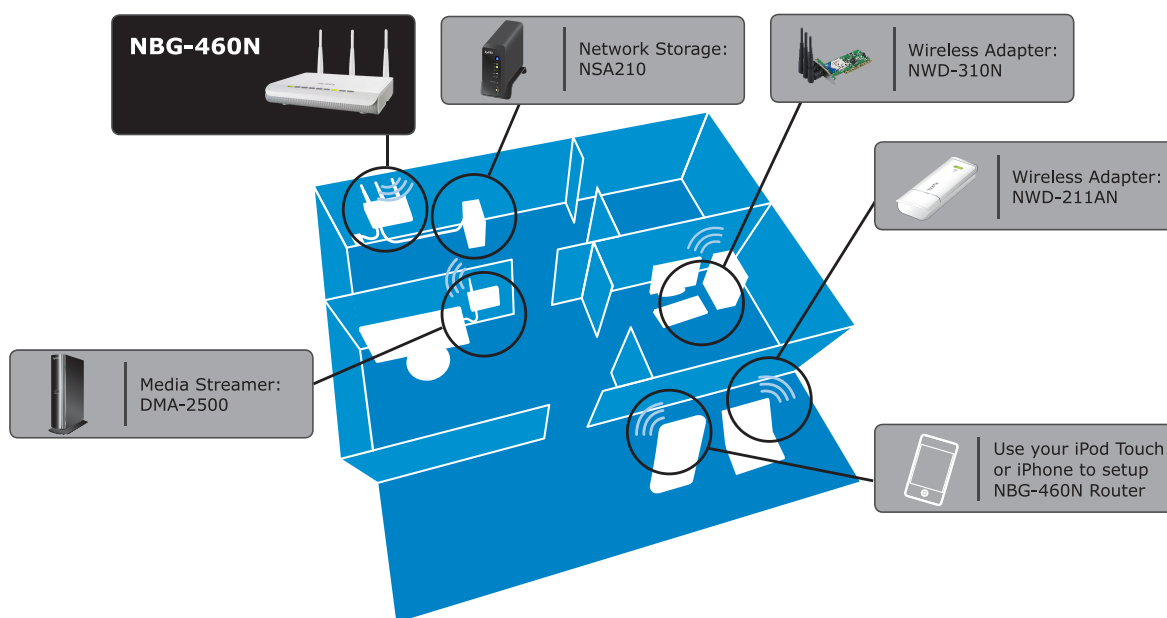
- Safety: CSA international
- EMC: CE, FCC part 15B

Package Contents

- Wireless router
- Three removable antennas
- Power adapter
- Ethernet cable
- Quick start guide
- Support CD
- Warranty card

* The data transfer rate is theoretical. The actual data transfer rate will vary depending on the network environment.

Application Diagram



For more product information, visit us on the web at www.ZyXEL.com